

Driving decarbonization and digitalization. Together.



Working Student: System Application Engineer (f/m /div)

Job description

Would you like to join a fast-paced, innovative company to leverage your knowledge? Do you want to start your career with a highly specialized team of engineers? Then this opportunity was made for you! Join our vibrant and ever-evolving team in Espoo where stimulating opportunities are waiting for you!

Job description

As a System Application Engineer, you will support Infineon Hardware Engineering specialists to design outstanding system solutions (prototypes) beyond state-of-the-art.

In your new role, you will:

- Participate in the **development of the solution: from the first idea to release**;
- Contribute to the **analysis and simulation of power converters**;
- **Test and evaluate technical parameters** to make benchmarking concerning common solutions;
- **Develop hardware and software solutions** (e.g.: test hardware like PCB designs and related prototype boards, software, and firmware debugging on real applications);
- Work with the **newest test equipment** to **validate product and system performance**;
- Prepare **technical documentation** for internal and external peers;
- Work with **international hardware and software specialists** and **help them** with your **knowledge and skillset**;
- **Support the mindset of bringing the best Infineon products together** and **creating new systems** concerning **future needs and products**.

Profile

You are a committed student and want to gain your first practical experience in an internationally successful company. You learn quickly and are very motivated to work independently. Furthermore, you are an outgoing person who enjoys communicating and contacting other people.

You are best equipped for this role if you:

- Are studying **Electrical Engineering, Power Electronics, Computer Science, Industrial Engineering**, or a similar field;

At a glance

Location:

Job ID: **HRC0821147**

Start date: **Aug 05, 2024**

Entry level: **0-1 year**

Type: **Full time**

Contract: **Temporary**

Apply to this position online by following the URL and entering the Job ID in our job search. Alternatively, you can also scan the QR code with your smartphone:

Job ID: **HRC0821147**

www.infineon.com/jobs



Contact

Sofia Carvalho

Recruiter



- Have practical experience with **Microcontroller programming for embedded systems, simulation of power electronics circuits, and MATLAB**;
- Are passionate about **Electrical and Mechanical DIY projects**;
- Have a **good knowledge of Microsoft Office tools** (Excel, PowerPoint, Word, and Outlook);
- Have **PCB design skills and design software knowledge** - would be a plus;
- Know how to use **laboratory equipment, such as solder iron, oscilloscope, power supplies, and electronic load**;
- Have excellent **English skills** as well as **good communication and presentation skills**.

Please send us your **CV in English** so we can get to know you better.

Benefits

- **Espoo:** Coaching, mentoring networking possibilities; Wide range of training offers & planning of career development; Different career paths: Project Management, Technical Ladder, Management & Individual Contributor; Flexible working conditions; Medical coverage; Health promotion programs; On-site canteen; Private insurance offers; Wage payment in case of sick leave (according to applicable law); Flexible transition into retirement ; Performance bonus; Accessibility, access for wheelchairs; Possibility to work remotely from abroad (EU)

Why Us

Driving decarbonization and digitalization. Together.

Infineon designs, develops, manufactures, and markets a broad range of semiconductors and semiconductor-based solutions, focusing on key markets in the automotive, industrial, and consumer sectors. Its products range from standard components to special components for digital, analog, and mixed-signal applications to customer-specific solutions together with the appropriate software.

– Power & Sensor Systems (PSS) drives leading-edge power management, sensing and data transfer capabilities –

Infineon PSS semiconductors play a vital role in enabling intelligent power management, smart sensitivity as well as fast and reliable data processing in an increasingly digitalized world.

Our leading-edge power devices make chargers, adapters, power tools, and lighting systems smarter, smaller, lighter, and more energy-efficient. Our trusted sensors increase the context sensitivity of “things” and systems such as HMI, and our RF chips power fast and reliable data communication.

We are on a journey to create the best Infineon for everyone.

This means we embrace diversity and inclusion and welcome everyone for who they are. At Infineon, we offer a working environment characterized by trust, openness, respect and tolerance and are committed to give all applicants and employees equal opportunities. We base our recruiting decisions on the applicant´s experience and skills.

We look forward to receiving your resume, even if you do not entirely meet all the requirements of the job posting.

Please let your recruiter know if they need to pay special attention to something in order to enable your participation in the interview process.

[Click here](#) for more information about Diversity & Inclusion at Infineon.

